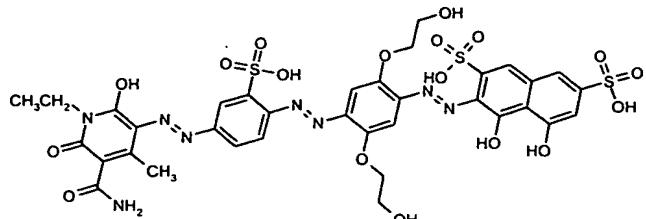


ABSTRACT

Inks comprising a liquid medium and a tris-azo compound of Formula (1) or salt thereof:



5

Formula (1)

wherein the liquid medium comprises water and an organic solvent.

Rec'd PCT/PTO 10 MAY 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



5344X0

(43) International Publication Date
3 June 2004 (03.06.2004)

PCT

(10) International Publication Number
WO 2004/046265 A1

(51) International Patent Classification⁷:

C09D 11/00

(21) International Application Number:

PCT/GB2003/004938

(22) International Filing Date:

13 November 2003 (13.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0226710.2 15 November 2002 (15.11.2002) GB

(71) Applicant (for all designated States except US): AVECIA
LIMITED [GB/GB]; Hexagon House, Blackley, Manches-
ter M9 8ZS (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DEVONALD, David,
Phillip [GB/GB]; Hexagon House, P.O. Box 42, Blackley,
Manchester M9 8ZS (GB).

(74) Agents: MAYALL, John et al.; Avecia Limited, Intellec-
tual Property Group, P.O. Box 42, Hexagon House, Black-
ley, Manchester M9 8ZS (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

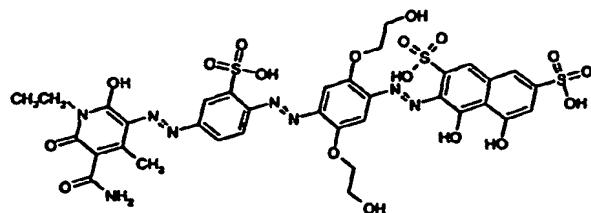
Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 2004/046265 A1

(54) Title: INKS FOR INK JET PRINTING COMPRISING A TRIS-AZO DYE



(1)

(57) Abstract: Inks comprising a liquid medium and a tris-azo compound of Formula (1) or salt thereof wherein the liquid medium comprises water and an organic solvent.